AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION

On page 19, starting at line 23, please replace the original paragraph with the following amended paragraph:

--[0041]

Measurement of UV melting curve

The nucleotide sequence of ODN used for the following UV melting curve measurement was as follows: ODN 1: 5'-TCC TCG CCC TTG CTC ACC AT-3' (SEQ ID NO: 1); ODN 2: 5' –ATG GTG AGC AAG GGC GAG GA-3' (SEQ ID NO: 2). The double stranded DNA was prepared by mixing an equimolar amount of ODN1 and ODN2, annealed at 95°C for 5 minutes, and gradually cooled to a room temperature over 16 hours. Other solvents and chemicals of a reagent grade were purchased from Wako Pure Chemical Industries, Ltd. (Osaka, Japan), and used without further purification.--

On page 23, starting at line 18, please replace the original paragraph with the following amended paragraph:

--[0047]

Analysis of chain exchange reaction

The base sequences of ODN used for the following analysis experiment of a chain exchange reaction were as follows: ODN1 (5' –TCC TCG CCC TTG CTC ACC AT-3') (SEQ ID NO: 1); ODN2 (5' –ATG GTG AGC AAG GGC GAG GA- 3')(SEQ ID NO: 2); ODN3 (5' – ATG GTG AGC AAG GGC GAG GA-3' (FITC)(SEQ ID NO: 3)). In the solution of the double

stranded DNA, an equimolar amount of ODN1 and ODN3 were mixed, annealed at 95°C for 5 minutes, and slowly cooled to a room temperature over 16 or more hours for preparation. In the solution of the single stranded DNA, ODN2 was used as a sample. Other solvents and chemicals of a reagent grade were purchased from Wako Pure Chemical Industries, Ltd. (Osaka, Japan), and used without further purification.--

On page 26, starting at line 1, please replace the original paragraph with the following amended paragraph:

--[0051]

Analysis of polyion complex formation

The ODN base sequences used for the analysis experiment of polyion complex formation (IPECs: InterPolyElectrolyteComplexes) were as follows: ODN1 (5' –TCC TCG CCC TTG CTC ACC AT-3')(SEQ ID NO: 1); ODN3 (5'-ATG GTG AGC AAG GGC GAG GA-3' (FITC)(SEQ ID NO: 3)). In the double stranded DNA solution, an equimolar amount of ODN1 and ODN3 were mixed, annealed at 95°C for 5 minutes, and slowly cooled to a room temperature over 16 or more hours for preparation. In the single stranded DNA solution, ODN3 was used as a sample. Other solvents and chemicals of a reagent grade were purchased from Wako Pure Chemical Industries, Ltd. (Osaka, Japan), and used without further purification. Preservation ODN solution was prepared by dissolving ODN in buffer I (10 mM PBS (pH 7.2) containing 150 mM NaCl). The concentration was calculated based on the molar absorbance coefficient at 260 nm. ($1.65 \times 10^5 M^{-1}cm^{-1}$ (ODN1), $2.11 \times 10^5 M^{-1}cm^{-1}$ (ODN3)). The undiluted

solution of PLL-g-Dex and GPLL-g-Dex as copolymer were dissloved by buffer I for preparation. The concentration was calculated based on the average molecular weight.--

Please insert the Sequence Listing enclosed herewith immediately after the Abstract.